

# **SCORE Search Results Details for Application 10502051 and Search Result 20070112\_102619\_us-10-502-051-2.rai.**

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This page gives you Search Results detail for the Application 10502051 and Search Result 20070112\_102619\_us-10-502-051-2.rai.

start

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GenCore version 5.1.9  
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### OM protein - protein search, using sw model

Run on: January 12, 2007, 19:21:22 ; Search time 35.78 Seconds  
(without alignments)  
596.910 Million cell updates/sec

Title: US-10-502-051-2

Perfect score: 1336

Sequence: 1 MLLGAVLLLLALPGHDQET . . . . . YADNDNDSTFTGFLLYHDTN 244

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:  
1: /EMC\_Celerra\_SIDDS3/ptodata/2/iaa/5\_COMB.pep:  
2: /EMC\_Celerra\_SIDDS3/ptodata/2/iaa/6\_COMB.pep:  
3: /EMC\_Celerra\_SIDDS3/ptodata/2/iaa/7\_COMB.pep:  
4: /EMC\_Celerra\_SIDDS3/ptodata/2/iaa/H\_COMB.pep:  
5: /EMC\_Celerra\_SIDDS3/ptodata/2/iaa/PCTUS\_COMB.pep:  
6: /EMC\_Celerra\_SIDDS3/ptodata/2/iaa/RE\_COMB.pep:  
7: /EMC\_Celerra\_SIDDS3/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

8

## Result

## Query

No.	Score	Match Length	DB	ID	Description
1	1336	100.0	244	1 US-08-463-911-7	Sequence 7, Appli
2	1336	100.0	244	2 US-09-140-804-3	Sequence 3, Appli
3	1336	100.0	244	2 US-09-336-536-20	Sequence 20, Appli
4	1336	100.0	244	2 US-09-530-423-1	Sequence 1, Appli
5	1336	100.0	244	2 US-09-686-838B-3	Sequence 3, Appli
6	1336	100.0	244	2 US-09-911-176B-48	Sequence 48, Appli
7	1336	100.0	244	2 US-09-552-225A-3	Sequence 3, Appli
8	1336	100.0	244	2 US-09-619-740-51	Sequence 51, Appli
9	1336	100.0	244	2 US-09-776-976-6	Sequence 6, Appli
10	1336	100.0	244	2 US-09-909-547-6	Sequence 6, Appli
11	1336	100.0	244	2 US-09-552-204A-3	Sequence 3, Appli
12	1336	100.0	244	2 US-10-621-787-3	Sequence 3, Appli
13	1336	100.0	244	2 US-10-231-814-6	Sequence 6, Appli
14	1336	100.0	244	2 US-10-285-833-6	Sequence 6, Appli
15	1329	99.5	244	2 US-09-569-852B-6	Sequence 6, Appli
16	1274	95.4	231	2 US-09-530-423-2	Sequence 2, Appli
17	1112.5	83.3	247	1 US-08-463-911-2	Sequence 2, Appli
18	1112.5	83.3	247	2 US-09-776-976-4	Sequence 4, Appli
19	1112.5	83.3	247	2 US-09-909-547-4	Sequence 4, Appli
20	1112.5	83.3	247	2 US-10-231-814-4	Sequence 4, Appli
21	1112.5	83.3	247	2 US-10-285-833-4	Sequence 4, Appli
22	1104.5	82.7	247	2 US-09-140-804-8	Sequence 8, Appli
23	1104.5	82.7	247	2 US-09-118-408-3	Sequence 3, Appli
24	1104.5	82.7	247	2 US-09-506-855-3	Sequence 3, Appli
25	1104.5	82.7	247	2 US-09-686-838B-8	Sequence 8, Appli
26	1104.5	82.7	247	2 US-09-911-176B-3	Sequence 3, Appli
27	1104.5	82.7	247	2 US-09-619-740-3	Sequence 3, Appli
28	1104.5	82.7	247	2 US-09-506-852-3	Sequence 3, Appli
29	1104.5	82.7	247	2 US-10-392-706-3	Sequence 3, Appli
30	1093.5	81.8	247	2 US-09-776-976-2	Sequence 2, Appli
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32	1093.5	81.8	247	2 US-10-231-814-2	Sequence 2, Appli
33	1093.5	81.8	247	2 US-10-285-833-2	Sequence 2, Appli
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35	708	53.0	130	2 US-10-060-845-11	Sequence 11, Appli
36	655	49.0	130	2 US-09-485-316A-13	Sequence 13, Appli
37	655	49.0	130	2 US-10-060-845-13	Sequence 13, Appli
38	645	48.3	130	2 US-09-485-316A-12	Sequence 12, Appli
39	645	48.3	130	2 US-10-060-845-12	Sequence 12, Appli
40	433	32.4	680	2 US-09-949-001-20	Sequence 20, Appli
41	431.5	32.3	285	2 US-09-552-204A-2	Sequence 2, Appli
42	431.5	32.3	285	2 US-10-621-787-2	Sequence 2, Appli
43	431.5	32.3	330	3 US-10-162-335-30	Sequence 30, Appli
44	431	32.3	680	2 US-09-949-001-15	Sequence 15, Appli
45	426.5	31.9	285	2 US-09-312-283C-382	Sequence 382, App

## ALIGNMENTS

## RESULT 1

US-08-463-911-7

; Sequence 7, Application US/08463911

; Patent No. 5869330

; GENERAL INFORMATION:

; APPLICANT: Scherer, Philipp E.

; APPLICANT: Lodish, Harvey F.

; TITLE OF INVENTION: A NOVEL SERUM PROTEIN PRODUCED

; TITLE OF INVENTION: EXCLUSIVELY IN ADIPOCYTES

;
 NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 ; STREET: Two Militia Drive  
 ; CITY: Lexington  
 ; STATE: Massachusetts  
 ; COUNTRY: USA  
 ; ZIP: 02173  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/463,911  
 ; FILING DATE:  
 ; CLASSIFICATION: 530  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Granahan, Patricia  
 ; REGISTRATION NUMBER: 32,227  
 ; REFERENCE/DOCKET NUMBER: WHI95-05  
 ; TELECOMMUNICATION INFORMATION:  
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 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 244 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 US-08-463-911-7

Query Match                    100.0%; Score 1336; DB 1; Length 244;  
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 Matches 244; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
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 Db        1 MLLLGAVLLLALPGHDQETTTQGPGVLLPLPKGACTGWMAGIPGHPGHNGAPGRDGRDG 60  
  
 Qy        61 TPGEKGEKGDPGLIGPKGDIGETGVPGAEGPRGFPGIQGRKGEPEGAYVYRSAFSVGLE 120  
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 Db        61 TPGEKGEKGDPGLIGPKGDIGETGVPGAEGPRGFPGIQGRKGEPEGAYVYRSAFSVGLE 120  
  
 Qy        121 TYVTIPNMPIRFTKIFYNQQNHYDGSTGKFHCNIPGLYYFAYHITVYMKDVKVSLFKDK 180  
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 Db        121 TYVTIPNMPIRFTKIFYNQQNHYDGSTGKFHCNIPGLYYFAYHITVYMKDVKVSLFKDK 180  
  
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 Db        181 AMLFTYDQYQENNVDQASGSVLLHLEVGDQVWLQVYGEGERNGLYADNDNDSTFTGFLY 240  
  
 Qy        241 HDTN 244  
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 Db        241 HDTN 244

RESULT 2  
 US-09-140-804-3  
 ; Sequence 3, Application US/09140804  
 ; Patent No. 6197930